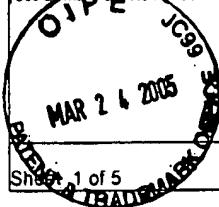


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Application Number	10/607,820
Filing Date	June 27, 2003
First Named Inventor	Sweeney, Robert
Group Art Unit	3762
Examiner Name	Unknown

Attorney Docket No: 279.635US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
TS	US-2002/0193696 A1	12/19/2002	Hsu, W., et al.	08/14/2002
	US-2004/0010200 A1	01/15/2004	Sweeney, R. J., et al.	07/15/2002
	US-2004/0127806 A1	07/01/2004	Sweeney, R. J.	12/12/2003
	US-4,336,810	06/29/1982	Anderson, D. L., et al.	09/30/1980
	US-4,583,553	04/22/1986	Shah, A. P., et al.	11/15/1983
	US-4,721,114	01/26/1988	DuFault, R. A., et al.	02/21/1986
	US-4,802,491	02/01/1989	Cohen, R. J., et al.	07/30/1986
	US-4,825,869	05/02/1989	Sasmor, L., et al.	09/28/1987
	US-4,832,038	05/23/1989	Arai, M. R., et al.	01/20/1987
	US-4,838,278	06/13/1989	Wang, J., et al.	02/26/1987
	US-4,924,875	05/15/1990	Chamoun, N. G.	10/09/1987
	US-4,947,857	08/14/1990	Albert, D. E., et al.	02/01/1989
	US-5,014,284	05/07/1991	Langer, A. A., et al.	06/30/1989
	US-5,046,504	09/10/1991	Albert, D. E., et al.	04/06/1990
	US-5,184,615	02/09/1993	Napholz, T. A., et al.	03/08/1991
	US-5,193,550	03/16/1993	Duffin, E. G.	11/30/1990
	US-5,201,321	04/13/1993	Fulton, K. W.	02/11/1991
	US-5,217,021	06/08/1993	Steinhaus, B. M., et al.	07/30/1991
	US-5,228,438	07/20/1993	Buchanan, S. W.	10/08/1991
	US-5,240,009	08/31/1993	Williams, M. O.	03/25/1991
	US-5,271,411	12/21/1993	Ripley, K. L., et al.	09/10/1991
	US-5,273,049	12/28/1993	Steinhaus, B. M., et al.	04/09/1992
	US-5,275,621	01/04/1994	Mehra, R.	04/13/1992
	US-5,280,792	01/25/1994	Leong, P. H., et al.	09/18/1992
	US-5,291,400	03/01/1994	Gilham, J. J.	04/09/1992
	US-5,292,341	03/08/1994	Snell, J. D.	03/02/1992
	US-5,292,348	03/08/1994	Saumarez, R., et al.	04/13/1992
	US-5,311,874	05/17/1994	Baumann, L. S., et al.	05/18/1992
	US-5,312,445	05/17/1994	Napholz, T. A., et al.	02/03/1992
	US-5,313,953	05/24/1994	Yomtov, B. M., et al.	01/14/1992
	US-5,330,504	07/19/1994	Somerville, W. M., et al.	05/03/1993
	US-5,331,966	07/26/1994	Bennett, T. D., et al.	12/16/1993
	US-5,334,220	08/02/1994	Sholder, J. A.	11/13/1992
TS	US-5,342,402	08/30/1994	Olson, W. H., et al.	01/29/1993

EXAMINER /Terri Smith/

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Group Art Unit	3762
Examiner Name	Unknown

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TS	US-5,350,406	09/27/1994	Nitzsche, R., et al.	12/22/1992
	US-5,351,696	10/04/1994	Riff, K. M., et al.	04/23/1993
	US-5,360,436	11/01/1994	Alt, E., et al.	04/03/1992
	US-5,365,934	11/22/1994	Leon, T., et al.	04/26/1993
	US-5,366,487	11/22/1994	Adams, T. P., et al.	11/04/1993
	US-5,383,910	01/24/1995	den Dulk, K.	02/19/1993
	US-5,387,229	02/07/1995	Poore, J. W.	01/21/1993
	US-5,391,189	02/21/1995	van Krieken, F. M., et al.	11/04/1993
	US-5,400,795	03/28/1995	Murphy, A. J., et al.	10/22/1993
	US-5,411,031	05/02/1995	Yomtov, B. M.	11/24/1993
	US-5,417,714	05/23/1995	Levine, P. A., et al.	05/11/1993
	US-5,431,693	07/11/1995	Schroepel, E. A.	12/10/1993
	US-5,447,519	09/05/1995	Peterson, D. K.	03/19/1994
	US-5,458,620	10/17/1995	Adams, T. P., et al.	02/14/1994
	US-5,464,433	11/07/1995	White, H., et al.	06/14/1994
	US-5,480,412	01/02/1996	Mouchawar, G., et al.	11/16/1993
	US-5,487,754	01/30/1996	Snell, J. D., et al.	10/25/1994
	US-5,503,159	04/02/1996	Burton, D. L.	03/17/1995
	US-5,511,554	04/30/1996	Helfenbein, E. D., et al.	07/27/1994
	US-5,513,644	05/07/1996	McClure, K. H., et al.	09/22/1994
	US-5,514,163	05/07/1996	Markowitz, H. T., et al.	02/21/1995
	US-5,520,191	05/28/1996	Karlsson, P., et al.	10/07/1994
	US-5,542,430	08/06/1996	Farrugia, S., et al.	09/16/1994
	US-5,545,186	08/13/1996	Olson, W. H., et al.	03/30/1995
	US-5,549,641	08/27/1996	Ayers, G. M., et al.	10/31/1994
	US-5,560,369	10/01/1996	McClure, K. H., et al.	09/22/1994
	US-5,603,331	02/18/1997	Heemels, J. P., et al.	02/12/1996
	US-5,605,159	02/25/1997	Smith, J. M., et al.	02/16/1996
	US-5,628,326	05/13/1997	Arand, P. A., et al.	11/29/1995
	US-5,645,070	07/08/1997	Turcott, R.	09/25/1995
TS	US-5,676,153	10/14/1997	Smith, J. M., et al.	10/25/1996
	US-5,682,900	11/04/1997	Arand, P. A., et al.	11/29/1995
TS	US-5,685,315	11/11/1997	McClure, K. H., et al.	03/29/1996
TS	US-5,697,959	12/16/1997	Poore, J. W.	01/11/1996
TS	US-5,704,365	01/06/1998	Albrecht, P., et al.	11/14/1995
TS	US-5,712,801	01/27/1998	Turcott, R.	09/25/1995
TS	US-5,713,367	02/03/1998	Arnold, J. M., et al.	01/26/1995
	US-5,718,242	02/01/1998	McClure, K. H., et al.	02/20/1996
TS	US-5,730,142	03/24/1998	Sun, W., et al.	03/21/1997
TS	US-5,738,105	04/14/1998	Kroll, M. W.	10/24/1995
TS	US-5,749,900	05/12/1998	Schroepel, E. A., et al.	12/11/1995
TS	US-5,755,739	05/26/1998	Sun, W., et al.	12/04/1996
TS	US-5,778,881	07/14/1998	Sun, W., et al.	12/04/1996

EXAMINER /Terri Smith/

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Application Number	10/607,820
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Group Art Unit	3762
Examiner Name	Unknown

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Attorney Docket No: 279.635US1

TS	US-5,779,645	07/14/1998	Olson, T. S., et al.	12/17/1996
	US-5,782,888	07/21/1998	Sun, W., et al.	03/21/1997
	US-5,788,717	08/04/1998	Mann, B. M., et al.	07/11/1995
	US-5,792,065	08/11/1998	Xue, Q., et al.	03/18/1997
	US-5,792,066	08/11/1998	Kwong, M.	01/09/1997
	US-5,795,303	08/18/1998	Swanson, D. K., et al.	09/02/1997
	US-5,797,399	08/25/1998	Morris, M. M., et al.	04/19/1996
	US-5,810,739	09/22/1998	Bornzin, G. A., et al.	12/19/1996
	US-5,814,077	09/29/1998	Sholder, J. A., et al.	05/12/1997
	US-5,817,133	10/06/1998	Houben, R. P.	03/04/1997
	US-5,819,007	10/06/1998	Elghazzawi, Z. F.	03/15/1996
	US-5,819,741	10/13/1998	Karlsson, P., et al.	05/24/1996
	US-5,827,195	10/27/1998	Lander, P.	05/09/1997
	US-5,836,987	11/17/1998	Baumann, L. S., et al.	03/12/1997
	US-5,855,593	01/05/1999	Olson, W. H., et al.	06/12/1997
	US-5,857,977	01/12/1999	Caswell, S. A., et al.	08/08/1996
	US-5,868,680	02/09/1999	Steiner, P. R., et al.	09/23/1997
	US-5,873,897	02/23/1999	Armstrong, R. K., et al.	09/19/1997
	US-5,873,898	02/23/1999	Hemming, M. T., et al.	04/29/1997
	US-5,935,082	08/10/1999	Albrecht, P., et al.	05/15/1997
	US-5,941,831	08/24/1999	Turcott, R.	04/03/1998
	US-5,944,744	08/31/1999	Paul, P. J., et al.	02/06/1998
	US-5,951,592	09/14/1999	Murphy, A.	11/21/1997
	US-5,954,661	09/21/1999	Greenspon, A. J., et al.	03/31/1997
	US-5,978,700	11/02/1999	Nigam, I. B.	05/06/1998
	US-5,978,707	11/02/1999	Krig, D. B., et al.	10/08/1997
	US-5,983,138	11/09/1999	Kramer, A. P.	04/04/1997
	US-5,991,656	11/23/1999	Olson, W. H., et al.	09/22/1998
	US-5,991,657	11/23/1999	Kim, J.	08/06/1998
	US-6,016,442	01/18/2000	Hsu, W., et al.	03/25/1998
	US-6,024,705	02/15/2000	Schlager, K. J., et al.	11/06/1998
	US-6,049,735	04/11/2000	Hartley, J. W., et al.	03/01/1999
	US-6,052,617	04/18/2000	Kim, J.	07/01/1998
	US-6,076,014	06/13/2000	Alt, E.	08/01/1997
	US-6,081,745	06/27/2000	Mehra, R.	08/17/1998
	US-6,091,990	07/18/2000	Hsu, W., et al.	11/03/1999
	US-6,192,273	02/20/2001	Igel, D. A., et al.	12/02/1997
	US-6,212,428	04/03/2001	Hsu, W., et al.	05/22/2000
	US-6,223,078	04/24/2001	Marcovecchio, A. F.	03/12/1999
	US-6,233,487	05/15/2001	Mika, Y., et al.	06/23/1999
	US-6,253,102	06/26/2001	Hsu, W., et al.	05/11/2000
	US-6,263,242	07/17/2001	Mika, Y., et al.	03/25/1999
TS	US-6,266,554	07/24/2001	Hsu, W., et al.	02/12/1999

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Group Art Unit	3762
Examiner Name	Unknown

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Attorney Docket No: 279.635US1

TS	US-6,272,377	08/07/2001	Sweeney, R. J., et al.	10/01/1999
TS	US-6,275,732	08/14/2001	Hsu, W., et al.	06/17/1998
TS	US-6,301,499	10/09/2001	Carlson, G. M., et al.	10/18/1999
TS	US-6,301,503	10/09/2001	Hsu, W., et al.	09/29/1900
TS	US-6,308,095	10/23/2001	Hsu, W., et al.	02/12/1999
TS	US-6,312,388	11/06/2001	Marcovecchio, A. F., et al.	03/12/1999
TS	US-6,370,430	04/01/2002	Mika, Y., et al.	05/16/2000
TS	US-6,400,982	06/04/2002	Sweeney, R. J., et al.	05/07/2001
TS	US-6,430,435	08/06/2002	Hsu, W., et al.	11/20/2000
TS	US-6,430,438	08/06/2002	Chen, V. T., et al.	05/21/1999
TS	US-6,434,417	08/13/2002	Lovett, E. G.	03/28/2000
TS	US-6,438,410	08/20/2002	Hsu, W., et al.	05/03/2001
TS	US-6,449,503	09/10/2002	Hsu, W.	01/14/1999
TS	US-6,470,210	10/22/2002	Chen, V., et al.	04/06/2001
TS	US-6,484,055	11/19/2002	Marcovecchio, A. F.	09/20/2000
TS	US-6,516,225	02/04/2003	Florio, J. J.	09/15/2000
TS	US-6,539,257	03/25/2003	KenKnight, B. H.	09/12/2000
TS	US-6,571,121	05/27/2003	Schroepel, E. A., et al.	10/15/2001
TS	US-6,684,100	01/27/2004	Sweeney, R. J., et al.	10/31/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
TS	DE-4405827 (w/ English Abstract)	06/08/1995	von Bezold, D., et al.	
TS	EP-469817A2	07/29/1991	Larnard, D. J., et al.	
TS	EP-506230A1	02/24/1992	Williams, M. O.	
TS	WO-97/0001A1	04/19/1996	Monis, M. M., et al.	
TS	WO-99/65570A1	12/23/1999	Hsu, W., et al.	
TS	WO-00/10455A1	03/02/2000	Litt, B., et al.	
TS	WO-00/47278A1	08/17/2000	Hsu, W., et al.	
TS	WO-02/40094A2	05/23/2002	Sweeney, R. J., et al.	
TS	WO-05002669A2	01/13/2005	Sweeney, R. J., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
—	—	"International Search Report for PCT Application No. PCT/US2004/020723", (Attorney Docket No. 279.636WO1), (February 8, 2005), 7 pgs.	
—	—	"Written Opinion for PCT Application No. PCT/US2004/020723", (Attorney Docket No. 279.636WO1), 12 pgs.	

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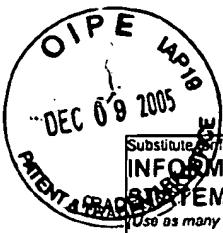
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TS		SWEENEY, ROBERT J., "TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS", <u>Application Serial No. 10/607,818, Filed June 27, 2003 Attorney Docket No. 279.636US1, 59 pgs.</u>	
TS		VAPNIK, V. N., "Chapter 5 Constructing Learning Algorithms", <u>The Nature of Statistical Learning Theory</u> , Springer-Verlag New York, Inc.,(1995),119-166	

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US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
TS	US-2005/0159781A1	07/21/2005	Hsu, W. , et al.	03/11/2005
TS	US-6,950,702	09/27/2005	Sweeney, R. J.	07/15/2002

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